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EUROPEAN PATENT APPLICATION

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17.12.1986 US 943332
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(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
95111771.2 / 0 688 869
87905023.5 / 0 313 578

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(54) **Novel osteoinductive compositions**

(57) Human and bovine bone inductive factor products and processes are provided. The factors may be produced by recombinant techniques and are useful in the research and treatment of bone and periodontal defects.

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EUROPEAN SEARCH REPORT

Application Number
EP 02 01 4841

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	US 4 455 256 A (URIST MARSHALL R). 19 June 1984 (1984-06-19) * the whole document *	14, 16-19	C12N15/12 C07K14/51 A61K38/17
X	URIST M R ET AL: "BONE CELL DIFFERENTIATION AND GROWTH FACTORS" SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, US, vol. 4598, no. 220, 1 May 1983 (1983-05-01), pages 680-686, XP008003037 ISSN: 0036-8075 * the whole document *	14, 16-19	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 September 2002	Examiner Maddox, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document</p> <p>T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document</p>			

EPO FORM 1503 03.82 (P04C01)



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Application Number

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid, namely claim(s):
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☒ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:
- ☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:



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Office

EUROPEAN SEARCH REPORT

Application Number
EP 02 01 4841

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 September 2002	Examiner Maddox, A
<div>CATEGORY OF CITED DOCUMENTS</div> <div> X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons & : member of the same patent family, corresponding document </div>			

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**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

EP 02 01 4841

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims: 1-5 all completely and 11-19 all partially

Gene and protein encoding human BMP-1 and uses thereof

2. Claims: 6-10 all completely and 11-19 all partially

Gene and protein encoding bovine BMP-1 and uses thereof



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EUROPEAN SEARCH REPORT

Application Number
EP 02 01 4841

DOCUMENTS CONSIDERED TO BE RELEVANT			
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 16 September 2002	Examiner Maddox, A
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons</p> <p>& : member of the same patent family, corresponding document</p>			

EPO FORM 1503 03.02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 02 01 4841

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 02 01 4841

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